Brad Ripple

Software Engineer

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Portfolio | LinkedIn | GitHub

After 20+ years in the service industry, I have built a unique skill set of assessing the needs of people and the ability to be a team player. I am very aesthetically oriented, creative and passionate about learning, exploring and growing. I am looking forward to utilizing my new skills learned from General Assembly's Software Engineering Immersive course and the opportunity to apply my creativity to problem solving and design. Striving to build software that is not just purposeful but also enjoyable to use.

Skills

Languages - HTML, CSS, JavaScript, SQL, NoSQL
Databases - MongoDB, Postgres
Server-side - Node.js, Express,

Client-side - ReactJS, jQuery, Bootstrap
Concepts - OOP, MVC, REST, F.I.R.S.T Principles, Agile/SCRUM
Tools - Postman, VSCode, Git, GitHub, Heroku

Projects

Ripple-Photography - A web app in which users view my photographs and add them to their wishlist
Technologies Used - MongoDB | Mongoose | React.js | Node.js | JavaScript | CSS | Bootstrap | Git | Github
Contributions:
- Setup MongoDB and Atlas
- Defined database schema using mongoose
- Used express to create an MVC application
- Used HTML, CSS, JavaScript and Bootstrap to create the client-side
- Utilized CSS to animate the landing page and create a neon effect to the text

Get-Fit Guru- A web app in which you can browse exercises and create routines. Where you can track and chart your progress to reach your goals.
Technologies Used - Mongoose | MongoDB | React.js | JavaScript | CSS | Bootstrap | ReactCharts | Git | Github
Contributions:
- Pair Programming Project that utilized Git and Github for version control.
- Created CRUD functionality using Mongoose/MongoDB on the back end and React.js/Express on the front end
- Utilized React router to modularize my front end code to create different views for certain parts of the web application
- Integrated ReactCharts to visually display workout progress.

RecipeBox - A web app in which users can browse and submit recipes then add their favorites to their own RecipeBox
Technologies Used - PostgreSQL | Node.js | Express | JavaScript | CSS | Git | Github
Contributions:
- Setup relational database using PostgreSQL
- Utilized Tasty API to seed database with recipes
- Utilized CSS transform to animate the RecipeBox logo
- Added posting and commenting functionality

Thirsty Hippo - A web app in which users can be a Thirsty Hippo in search of beer. Avoiding rocks and angry hippos.
Technologies Used - HTML| CSS | Canvas | JavaScript | Git | Github | Adobe
Contributions:
- Used HTML and CSS to create the UI for the application
- Used jQuery and JavaScript to do DOM and CSS manipulation to create an immersive experience
- Used Adobe Photoshop to create unique icons for the different elements of the game
- Using CSS and gifs I created an animated winner page

Education

Software Engineering Immersive | General Assembly | Remote
August 02, 2021 - October 25, 2021
500+ hour remote, full-stack software engineering immersive program aimed at building skills in the latest front- and back-end programming languages, tools, and methodologies including: ReactJS, HTML, CSS, Javascript, Python, Django, PHP, Laravel, jQuery, PostgreSQL, Express, Mongoose, MongoDB, NodeJS, Git, Github, and Agile/Scrum.

National Academy of Sports Medicine | Personal Training Certification - 2007
Specializing in correcting postural distortions and muscular imbalances

Prior Experience

TCO Land Services | Abstractor **|** Jan 2016 – June 2021
Working remotely with county specific databasing systems to query and download documents involved in land deals. Using TCO's Title Tree software I would database thousands of land titles, with pertinent legal descriptions.